# BRUHATH BANGALORE MAHANAGARA PALIKE

## Ward 14, Bagalagunte

NAME OF WORK : **Construction of Concrete drain at NMH Layout 4th cross to Basavadyana center in Ward No 14, Bagalagunte**

**Estimated Cost** **40.00** **Lakhs**

| Sl.No. | Description of work | Measurments No.s | L | B | D | Qty | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work..(PWD SR 2016-17, Page No.142, Item No. 19.1) including Conveying the excavated earth silt, debris and over burden earth etc., to lead of 0 to 5 kms distance by using private vehicle this includes the cost of loading and unloading charges etc., complete as per the direction of Engineer-in-charge of the work | | | | | | | | |
| | | 1 | 1 | 417.00 | 1.20 | 0.90 | 450.36 | | | |
| | | | | | | **Total qty.** | **450.36** | **sqm** | **175.96** | **79245.00** |
| 2 | KSRB 4 -1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs, with 40 mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth,including cost of all materials, labour HOM of machinery curing complete as per specifications. Specification No.KBS 4.1, 4.2 ( PWD SR 2016-17, Page No.12, Item No. 4.3) | | | | | | | | |
| | | 1 | 1 | 417.00 | 1.20 | 0.15 | 75.06 | | | |
| | | | | | | **Total qty.** | **75.06** | **sqm** | **5159.02** | **387236.00** |
| 3 | KSRRB M2200-5.9. Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008- i) Upto 5 m height. (Pg.No.223, It.no.28.7.9) | | | | | | | | |
| | **drain bottom** | 1 | 1 | 417.00 | 0.90 | 0.15 | 56.29 | | | |
| | **side walls** | 1 | 2 | 417.00 | 0.15 | 0.90 | 112.59 | | | |
| | | | | | | **Total qty.** | **168.88** | **cum** | **6965.26** | **1176293.00** |
| 4 | KSRRB M2200-6. Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 [P. no.17 - I. no.28.8.2] | | | | | | | | |
| | drain | | | | | | | | |
| | **10mm dia bars** | 18 | 1 | 417.00 | @ | 0.62 | 4653.72 | | | |
| | **10mm dia bars** | 4170 | 1 | 2.55 | @ | 0.62 | 6592.77 | | | |
| | | | | | | | ***11246.49*** | kgs | | |
| | | | | | | **Total qty.** | **11.24** | **ton** | **74331.44** | **835485.00** |
| 5 | KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc,. And removal of form work for **vertical surface** such as walls at any thickness, includig attached pilasters, butresses, plinth cills and string courses cost of all materials, labour complete as per specifications. (Pg. No.15, It. No.4.31) | | | | | | | | |
| | | 4 | 1 | 417.00 | | 1.00 | 1668.00 | | | |
| | | | | | | **Total qty.** | **1668.00** | **sqm** | **310.58** | **518047.00** |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | Supplying and fixing precast reinforced concrete slab 10 cm thick of mix M20 using 20mm and downsize graded granite metal using reinforcement 10mm dia steel at 150mmc/c bothways cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials - Data rate approved by Chief Engineer, Dasarahalli zone | | | | | | | | | |
| | | 1 | 1 | 446.00 | 0.90 | | 401.40 | | 1680.00 | 630504 |
| | | | | | Total qty. | | 401.40 | sqm | 1600.00 | 642240.00 |
| | | | | | | | | | Sub Total | 3658335.00 |
| | | | | | | | | | Qc Charges 1%+KRIDL charges | 332667.00 |
| | | | | | | | | | Miscelleneous & rounding off | 8998.00 |
| | | | | | | | | | Total | 4000000.00 |

**(Rupees Forty Lakhs Only)**

**CERTIFICATE**

1. *Certified that The work spot has been inspected by me and the work is necessary & site condition*
2. *Certified that the work is not split up*
3. *Certified that the estimate is based on PW,P&IWTD Bangalore Circle SR of 2016-17*
4. *Certified that Adequate & necessary provisions have made in the estimate.*
5. *Certified that the above area comes under BBMP limit*
6. *This Work is not included in any other work taken up*

**Asst Engineer**
**Ward-14**

**Assistant Executive Engineer**
**Dasarahalli Sub Division**
**B.B.M.P**

**Excecutive Engineer**
**Dasarahalli Division**
**B.B.M.P**

ಸಂ. JC/DZ/AS/pr/19/ದಿನಾಂಕ: 7-18 615/17
ರೂ. 40-00 lakhs only

ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಲಾಗಿದೆ

ಜಂಟಿ ಆಯುಕ್ತರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ಸಂ.CE/TS/76/17-18 ದಿನಾಂಕ: 19/06/2017
ರೂ. Rs. Fourty Lakh only/-
Rs. 40.00 Lakhs only/-

ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

ತಾಂತ್ರಿಕ ಸಹಾಯಕರು

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

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W0030
W0032
W0034
W0038
W0044-3rd Crs
W0046
W0048
W0054
W0056-30 Ft. Rd
W0058
W0068
W0007
W0011
W0017
W0021
W0023
W0025
W0027
W0029
W0024
W0028
W0031
W0026
W0039
W0036
W0042
W0040
W0052
W0062
W0050
W0035
W0033
W0060
W0066
W0037
W0064-1st Crs
W0111-4th Main Rd
W0174-27th Crs
W0176-26th Crs
W0178-23rd Crs
W0180-24th Crs
W0186-23rd Crs
W0188-30th Crs
W0192-22nd Crs
W0190-29th Crs
W0196-21st Crs
W0194-28th Crs
W0099-25th Crs
W0091
W0089
W0083-18th Crs
W0081-N M H Lyt Main Rd; 1st Main 1st Crs
W0079-2nd Crs
W0077-3rd Crs
W0075-1st Crs
W0071-2nd Crs
W0069-3rd Crs
W0182
W0184
W0063-6th Crs
W0065-5th Crs
W0112-1st Crs
W0114-2nd Crs Rd
W0110-3rd Crs
W0055
W0051
W0039
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Budget
→ work spot